



GB04/3531



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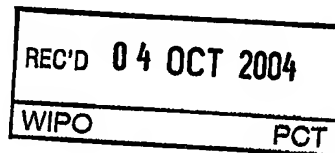
The Patent Office
Concept House
Cardiff Road
Newport
South Wales
NP10 8QQ

I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

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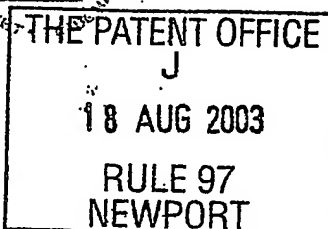
Re-registration under the Companies Act does not constitute a new legal entity but merely subjects the company to certain additional company law rules.



Signed

Dated 14 September 2004

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Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

The Patent Office

Cardiff Road
Newport
South Wales
NP10 8QQ

1. Your reference Medical Use Mono-Chassis Lifting Pod

20AUG03 E831627-7 CB4268
P01/7700 0.00-0319533.A

2. Patent application number
(The Patent Office will fill this part in)

18 AUG 2003 0319533.6

3. Full name, address and postcode of the or of each applicant (underline all surnames)

Steven Phillip Corcoran, 22 Great Close, Cawood, Nr Selby, North Yorkshire, YO8 3UG

08695017 001

Patents ADP number (if you know it)

If the applicant is a corporate body, give the country/state of its incorporation

4. Title of the invention

Medical Use Mono-Chassis Lifting Pod

5. Name of your agent (if you have one)

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

Steven Phillip Corcoran, 22 Great Close, Cawood, Nr Selby, North Yorkshire, YO8 3UG

Patents ADP number (if you know it)

6. Priority: Complete this section if you are declaring priority from one or more earlier patent applications, filed in the last 12 months.

Country

Priority application number
(if you know it)

Date of filing
(day / month / year)

7. Divisionals, etc: Complete this section only if this application is a divisional application or resulted from an entitlement dispute (see note b)

Number of earlier UK application

Date of filing
(day / month / year)

8. Is a Patents Form 7/77 (Statement of Invention and of right to grant of a patent) required in support of this request?

No

Answer YES if

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

Otherwise answer NO (See note d)

Patents Form 1/77

9. Accompanying documents: A patent application must include a description of the invention. Not counting duplicates, please enter the number of pages of each item accompanying this form:

Continuation sheets of this form 2

Description

Claim(s)

Abstract

Drawing(s) 1

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for a preliminary examination and search (Patents Form 9/77)

Request for a substantive examination (Patents Form 10/77)

Any other documents (please specify)

11. I/We request the grant of a patent on the basis of this application.

Signature(s)

Date

12. Name, daytime telephone number and e-mail address, if any, of person to contact in the United Kingdom

01757 268 257

Warning

After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

Notes

- If you need help to fill in this form or you have any questions, please contact the Patent Office on 08459 500505.
- Write your answers in capital letters using black ink or you may type them.
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- If you have answered YES in part 6, a Patents Form 7/77 will need to be filed.
- Once you have filled in the form you must remember to sign and date it.
- Part 7 should only be completed when a divisional application is being made under section 15(4), or when an application is being made under section 8(3), 12(6) or 37(4) following an entitlement dispute. By completing part 7 you are requesting that this application takes the same filing date as an earlier UK application. If you want the new application to have the same priority date(s) as the earlier UK application, you should also complete part 6 with the priority details.

1. **Title Of Invention**

Medical Use Mono-Chassis Lifting Pod

2. **Description of the Invention**

The mono chassis pod is unique in medical applications; the pod is the main structural part of any device that it is used within. The main devices where the pod would be used are, dynamic commodes, static commodes, wheelchairs, transfer chairs etc, all the uses representing the second unique feature i.e. multi-functionality; see figure one.

The pod can house a motor and cam lifting mechanism in order that lift can be applied to a seat if require and if incorporated with another side pod and joined via a backrest; see figure three.

2.1 **Other Unique Features:**

An integral backrest support, a feature that has never previously be observed in the medical sector.

Internal braking mechanism, a feature of which is that the pod is designed such that the wheels can be retracted – this is completed via a sprung or other such mechanism; see figure four.

Ability to use a simple "snap" or sliding fit for the actual backrest; noting the pod is always used in two halves, each half being restrained by the association with the backrest.

To house "cam" fan guides as well as the other features; see figure two. As can be seen, when the Fan guides rotated, they protrude from the pod.

The pod is also able to take a special medical power and motion transmission cartridge; the cartridge is located in the device and can provide motion of the various mechanisms i.e. the brake, fan guide and or even the Cam lift systems

A seat can be incorporated into the system as per figure one if required – the cam lift (figure two) can be used to raise the seat.

2.2 **Focus Fan Guides**

Each pod has a separate set of Fan guides, when the pods are situated as per that referenced i.e. associated via the backrest and positioned side by side; the fan guides when extended provide the user with a walled walkway and thus a safe environment.

The Fan guides can also include handgrips so that the user can support themselves if necessary.

2.3 **Focus Cartridge**

The cartridge is again unique and subject of another patent. The cartridge will be held in place via locking device operated via a simple twist of a handle. The device

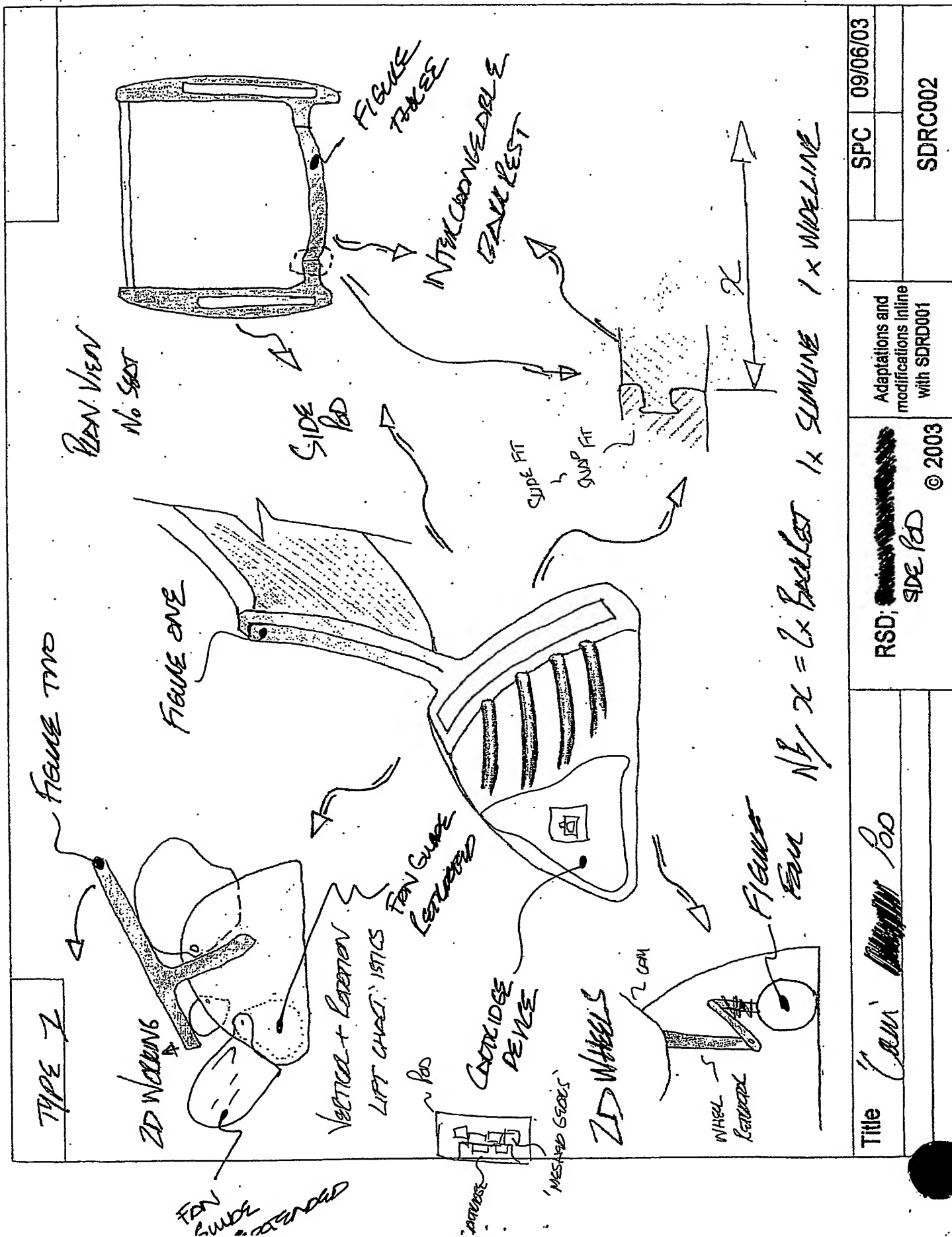
once locked is correctly located in the pod and thus the power transmission components of both devices "mesh" to in effect form one single piece of equipment; see figure one.

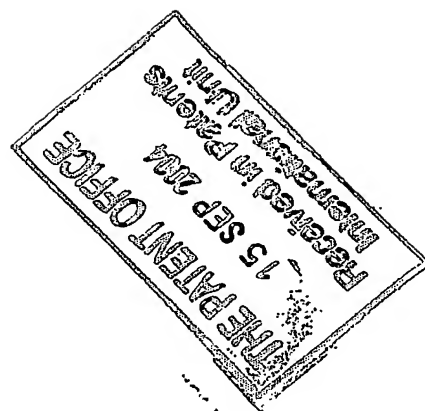
Figure One – Main Pod Assembly

Figure Two – Pod/Cam/Seat lift demonstration

Figure Three – Plan view showing side pods and integrated backrest

Figure Four – Braking Feature Incorporated into the Pod





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